



PROJECT NAME: T.M.O. BELLEVUE
HUB AREA: BELLEVUE
NODE #(s): TMOSE-85
LOCATION: BELLEVUE, WA 98004
POLE TYPE: NEW CONCRETE FINISH METAL POLE
COORDINATES: LAT: 47.616421, LONG: -122.193797

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CROWN CASTLE
1505 WESTLAKE AVE. N.
SUITE 800
SEATTLE, WA 98109
PH: 206.336.3214

RECORD DRAWINGS ISSUE DATE: 10.24.17

SHIFT

Shift Companies, LLC
3334 N. 20TH STREET
PHOENIX, ARIZONA 85016
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RELEASE	
DATE	SUBMITTAL
06.03.18	1ST SUBMITTAL

REVISIONS		
NO.	DATE	COMMENT

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TMOSE-85

NODE ADDRESS
BELLEVUE, WA 98004

LAT: 47.616421,
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SHIFT JOB NUMBER
170603

IN HOUSE
DRAWN BY: RA-PL
CHECKED BY: CM

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T1.1

PAGE
1 OF 5

PLOT SCALE: 1:1 @ 24"x36"; 1:2 @ 11"x17"

CROWN CASTLE REVIEW	
TEAM MEMBER'S REVIEW:	REVIEWED/DATE:
R.F. ENGINEERING:	
PRODUCT MANAGEMENT:	
NETWORK REAL ESTATE TEAM:	
UTILITY TEAM:	
IMPLEMENTATION:	
OPERATIONS:	

PROJECT SPECIFICATIONS PERFORMED TO COMPLY WITH NSS:
###

PROJECT TEAM

ARCHITECT	OWNER INFO
Company: SHIFT CONSULTING	Company: WA-CLEC, LLC
Address: 3334 N. 20TH ST. PHOENIX, AZ 85016	Address: 1505 WESTLAKE AVE. N. SUITE 800 SEATTLE, WA 98109
Phone: 480.264.0829	Phone: 206.336.3214
Email: chrism@shiftcompanies.com	Email: Patricia.Zittleman@Crownccastle.com
Contact: CHRIS MYERS	Contact: PATRICIA ZITTELEMAN
STRUCTURAL	RF ENGINEER
Company: -	Company: CROWN CASTLE
Address: -	Address: 1505 WESTLAKE AVE. N. SUITE 800 SEATTLE, WA 98109
Phone: -	Phone: 206.336.7392
Email: -	Email: Gabriel.Gorman@Crownccastle.com
Contact: -	Contact: GABRIEL GORMAN
FIBER ENGINEERING	
Company: T.B.D.	
Address: -	
Phone: -	
Email: -	
Contact: -	

PROJECT DESCRIPTION

CROWN CASTLE PROPOSES TO PROVIDE AN ENHANCED RESIDENTIAL WIRELESS COMMUNICATIONS SYSTEM THAT WILL IMPROVE CELLULAR COMMUNICATIONS AND INCREASE CALL CAPACITY. THE NETWORK AND ASSOCIATED EQUIPMENT HAVE BEEN DESIGNED TO MINIMIZE VISUAL IMPACTS IN URBAN SETTINGS. THE PROPOSED SYSTEM WILL PROVIDE A CELLULAR NETWORK THAT CAN BE UTILIZED SIMULTANEOUSLY BY DIFFERENT LICENSED TELECOMMUNICATIONS COMPANIES.

PROJECT INFORMATION

JURISDICTION:
CITY OF BELLEVUE
TRANSPORTATION DEPARTMENT
450 110TH AVE. N.E.
BELLEVUE, WA 98004
PH: 425.452.6856
CONTACT: T.B.D.

APPLICANT:
WA-CLEC, LLC
1505 WESTLAKE AVE. N.
SUITE 800
SEATTLE, WA 98109
PH: 206.336.3214

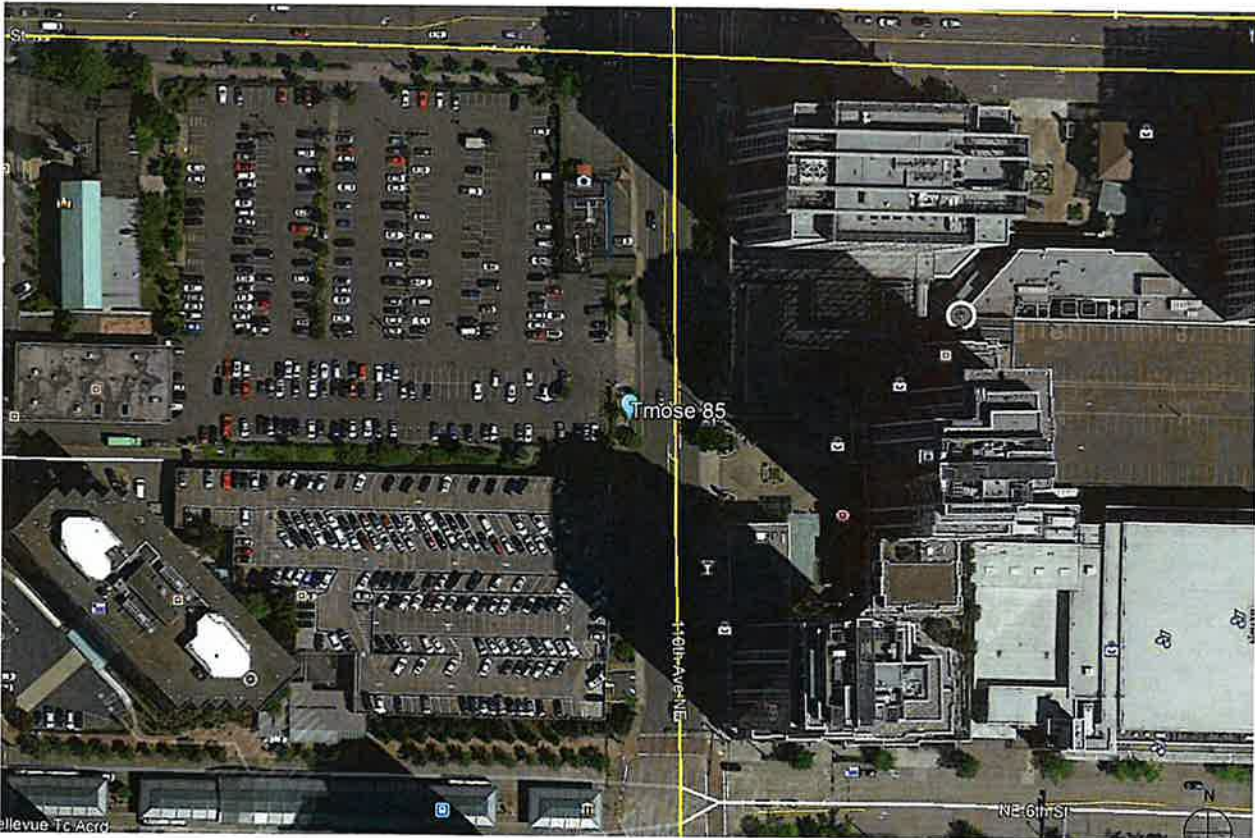
CODES:
2015 INTERNATIONAL BUILDING CODE (IBC)
2017 NATIONAL ELECTRICAL CODE (NEC)

NOTE:
NO PROPOSED STORM SEWER,
WASTEWATER, OR WATER WORK IS
SHOWN ON THIS PLAN SET, NOR
INCLUDED IN THIS WORK SCOPE.

ABBREVIATIONS AND SYMBOLS

	REVISION		CENTER LINE
	KEY NOTE		RIGHT-OF-WAY/PROPERTY LINE
	ELEVATION REFERENCE		FIBER
	ELEVATION MARKER		GAS
	ANTENNA AZIMUTH		POWER
	VIEW NUMBER		SANITARY SEWER
	SHEET NUMBER		STORM DRAIN
			WATER
			OVERHEAD POWER LINE

NODE LOCATION MAP

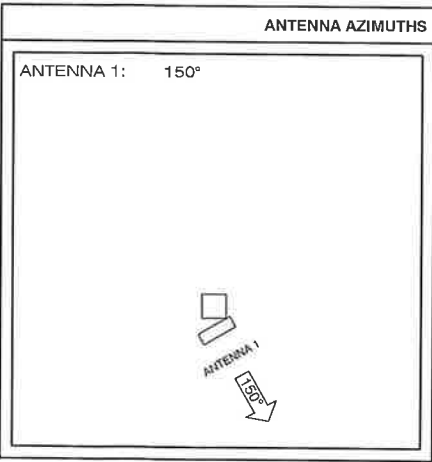


GENERAL PROJECT NOTES

1. RIGHT-OF-WAY USE PERMIT SHALL BE OBTAINED BY CONTRACTOR PRIOR TO COMMENCING WORK.
2. A UTILITY LOCATE IS REQUIRED FOR ALL PROJECTS.
3. CROSSING OF EXISTING UTILITIES SHALL BE COORDINATED BY CONTRACTOR.
4. ALL WORK TO BE CONDUCTED IN CITY RIGHT OF WAY, U.N.O.
5. ALL DISTURBED LANDSCAPING SHALL BE REPLACED TO SIMILAR EXISTING CONDITION.
6. ALL SURFACE REPAIR SHALL BE TO CITY SPECIFICATIONS.
7. ANY SIDEWALK CLOSURE SHALL BE COORDINATED WITH THE CITY AND PROPER SIGNAGE WILL BE PLACED.
8. TEMPORARY LIGHTING WILL BE COORDINATED WITH CITY AND PROVIDED WHENEVER EXISTING LIGHTING IS REMOVED OR UNAVAILABLE AS REQUIRED.
9. NO MATERIALS OR EQUIPMENT SHALL BE STORED ON PRIVATE PROPERTY OR BLOCK ACCESS TO PRIVATE PROPERTY.
10. OPEN EXCAVATIONS SHALL BE PROPERLY GUARDED AND SIGNED. NO OPEN EXCAVATIONS WILL BE LEFT ACCESSIBLE TO THE PUBLIC.
11. CLEANUP OF THE WORK AREA WILL BE COMPLETED EACH EVENING AND THE PROJECT AREA WILL BE RETURNED TO EXISTING CONDITION AT THE COMPLETION OF CONSTRUCTION AT EACH NODE LOCATION.
12. ALL WORK TO COMPLY WITH OSHA AND CITY GUIDELINES.
13. CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING PRIVATE IRRIGATION PRIOR TO EXCAVATION. CONTRACTOR WILL REPAIR OR REROUTE IRRIGATION IN ROW AS NECESSARY.
14. THE CONTRACTOR SHALL BE RESPONSIBLE TO REMOVE AND REPLACE, AT THEIR COST, ANY AND ALL DAMAGED PAVEMENT, SIDEWALK, CURB AND GUTTER OUTSIDE THE PAY LIMIT, DAMAGE DUE TO THEIR ACTIVITIES ON THE PROJECT. THIS INCLUDES, BUT IS NOT LIMITED TO THE REMOVAL AND REPLACEMENT OF NEWLY CRACKED, THE REMOVAL AND REPLACEMENT OF EXISTING CRACKS WHERE THE CRACKS HAVE BEEN ENLARGED DUE TO THE CONTRACTORS OPERATIONS, THE REMOVAL AND REPLACEMENT OF DEFORMED PAVEMENT, CURB AND GUTTER, SIDEWALK, ETC... ALL SAW CUTS USED FOR THE REMOVAL OF THESE ITEMS SHALL BE PERPENDICULAR AND PARALLEL TO THE CENTERLINE CONTROLLING THAT ITEM, OR AT THE DISCRETION OF THE CITY INSPECTOR.
15. THE VAULTS INSTALLED IN CONJUNCTION WITH THE INDIVIDUAL ANTENNA NODES SHALL BE FLUSH WITH THE GROUND.

KEYNOTE LEGEND		
KEYNOTE	DESCRIPTION	DETAIL
A01	NEW CROWN CASTLE ANTENNA INTEGRATED WITH RADIO	18/D1.1
A02	N/A	
A03	RF WARNING SIGNAGE	1/A1.2
A04	REPLACEMENT METAL POLE	20/D1.1
A05	CROWN CASTLE 24"x36" UNDERGROUND CONC. FIBER VAULT WITH CROWN CASTLE LABEL	SEE FIBER PLAN
A06	NEW CROWN CASTLE NODE IDENTIFICATION SIGNAGE (BOTTOM OF POLE)	5/A1.2
A07	NEW ELECTRICAL HAND HOLE	
A08	PROPOSED CROWN CASTLE PIER FOUNDATION	18/D1.1

KEYNOTE LEGEND		
KEYNOTE	DESCRIPTION	DETAIL
U01	NEW 2" CROWN CASTLE U.G. POWER CONDUIT (APPROXIMATE LOCATION, F.V.)	20/D1.1
U02	NEW CROWN CASTLE 1-1/4" U.G. FIBER CONDUIT BY OTHERS (APPROXIMATE LOCATION, F.V.)	20/D1.1



- GENERAL NOTES
1. PAINT PROPOSED GROUND EQUIPMENT A NATURAL EARTH COLOR OR AS APPROVED BY CITY.
 2. CONTRACTOR TO FIELD LOCATE EXIST, UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION
 3. EX. LANDSCAPE PLANTINGS AND DECORATIVE HARDSCAPES DISTURBED OR DESTROYED AS A RESULT OF CONSTRUCTION SHALL BE REPLACED WITH A LIKE SIZE AND SPECIE.
 4. CONTRACTOR TO HAND LOCATE EX. IRRIGATION PRIOR TO EXCAVATION.
 5. SITE PLAN IS A DIAGRAMMATIC REPRESENTATION ONLY; VERIFY ALL DIMENSIONS.
 6. VERIFY ALL PROPERTY LINE INFORMATION WITH AVAILABLE R.O.W. DATA.
 7. EXIST. UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE ONLY (AS PROVIDED BY LOCAL UTILITIES).

SUBJECT POLE: TMOSE-85

GPS COORDINATES:
LAT: 47.616421,
LONG: -122.193797

POLE TYPE: NEW CONCRETE FINISH METAL POLE
POLE ID #: ID#

ANTENNA RAD CENTER: 36" - 0" A.F.G.

SUBJECT POLE IS LOCATED IN: CITY OF BELLEVUE R.O.W.



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1505 WESTLAKE AVE. N.
SUITE 800
SEATTLE, WA 98109
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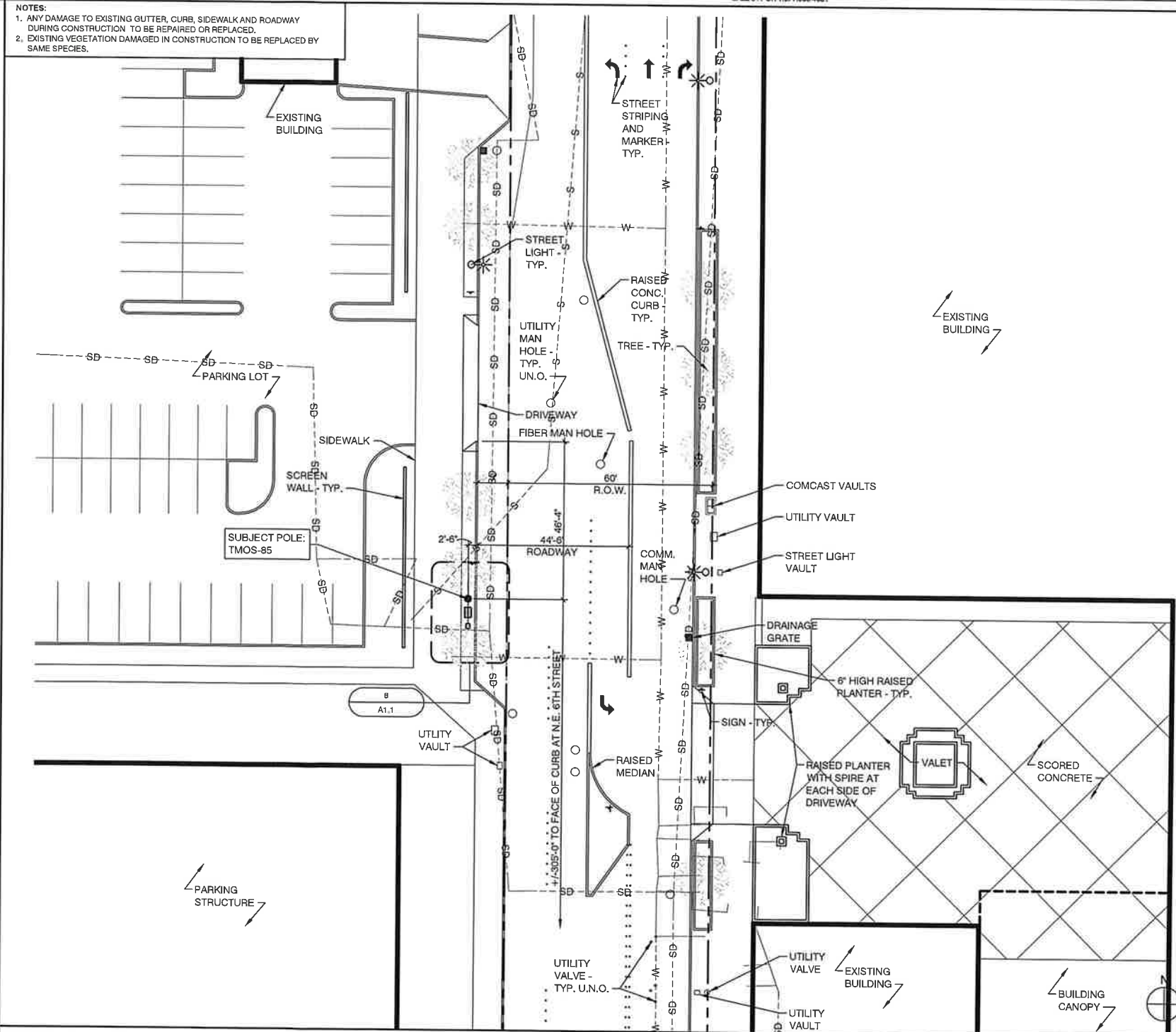
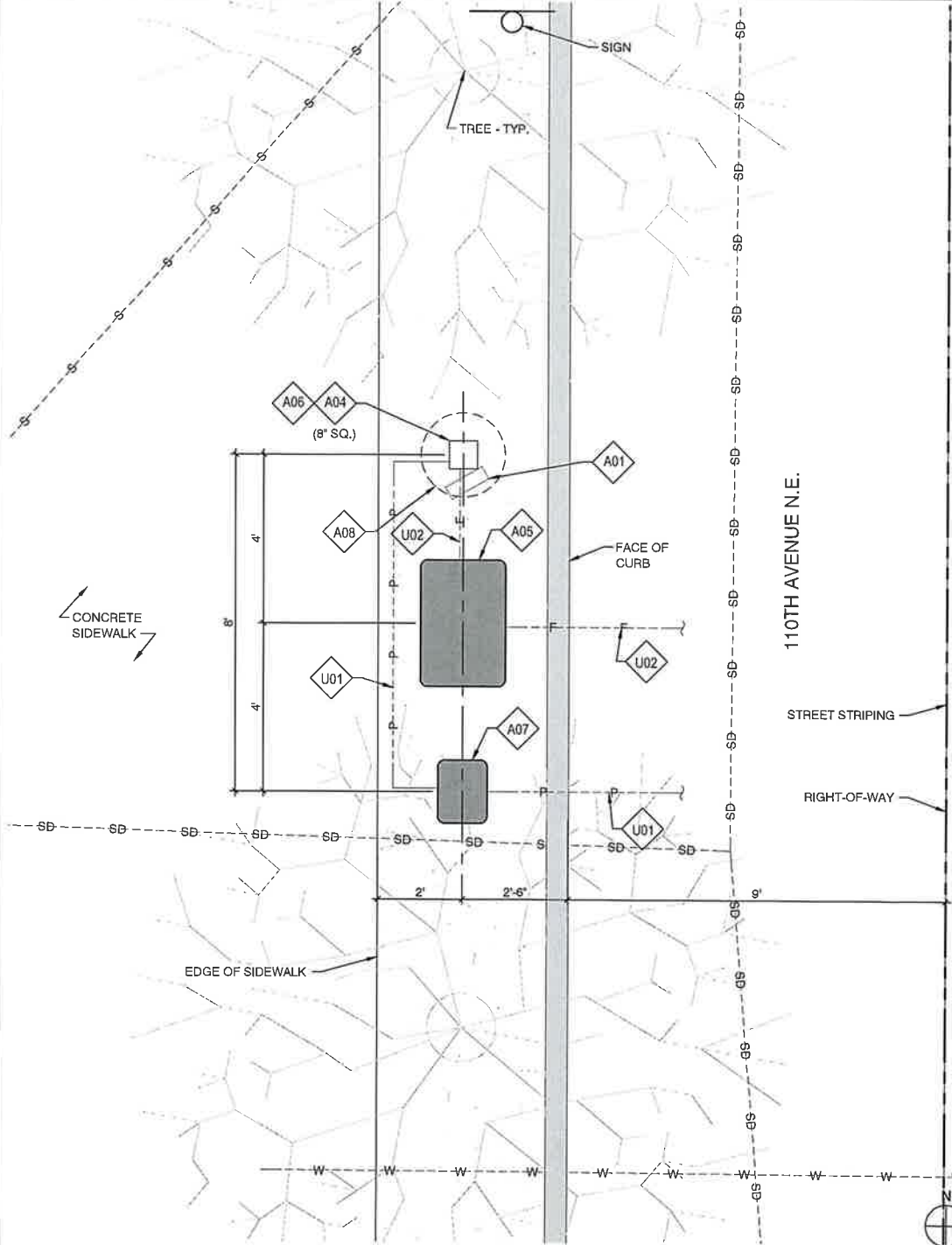
IN HOUSE
DRAWN BY: RA-PL
CHECKED BY: CM

SHEET TITLE
SITE PLAN, EQUIPMENT
AND ANTENNA PLAN

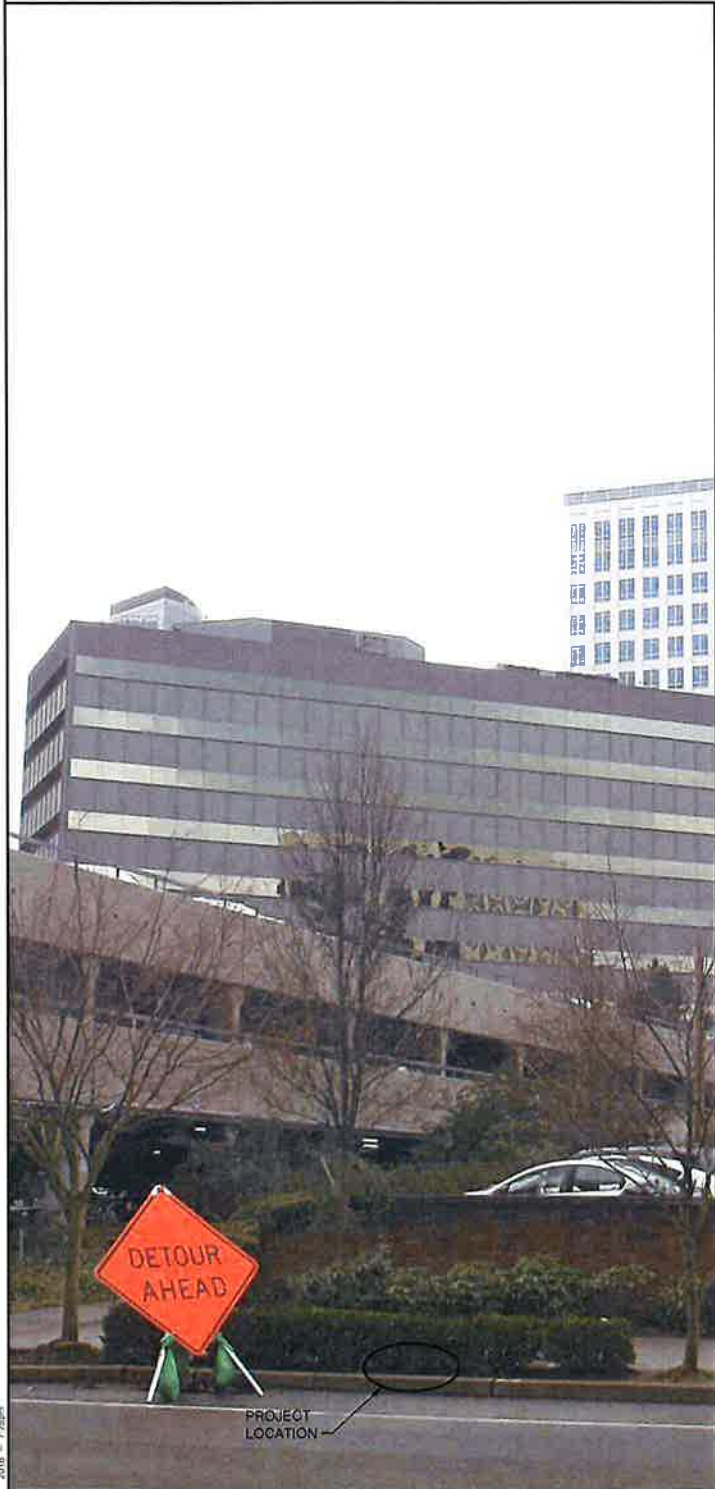
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A1.1

PAGE
2 OF 5

PLOT SCALE: 1:1 @ 24"x36"; 1:2 @ 11"x17"



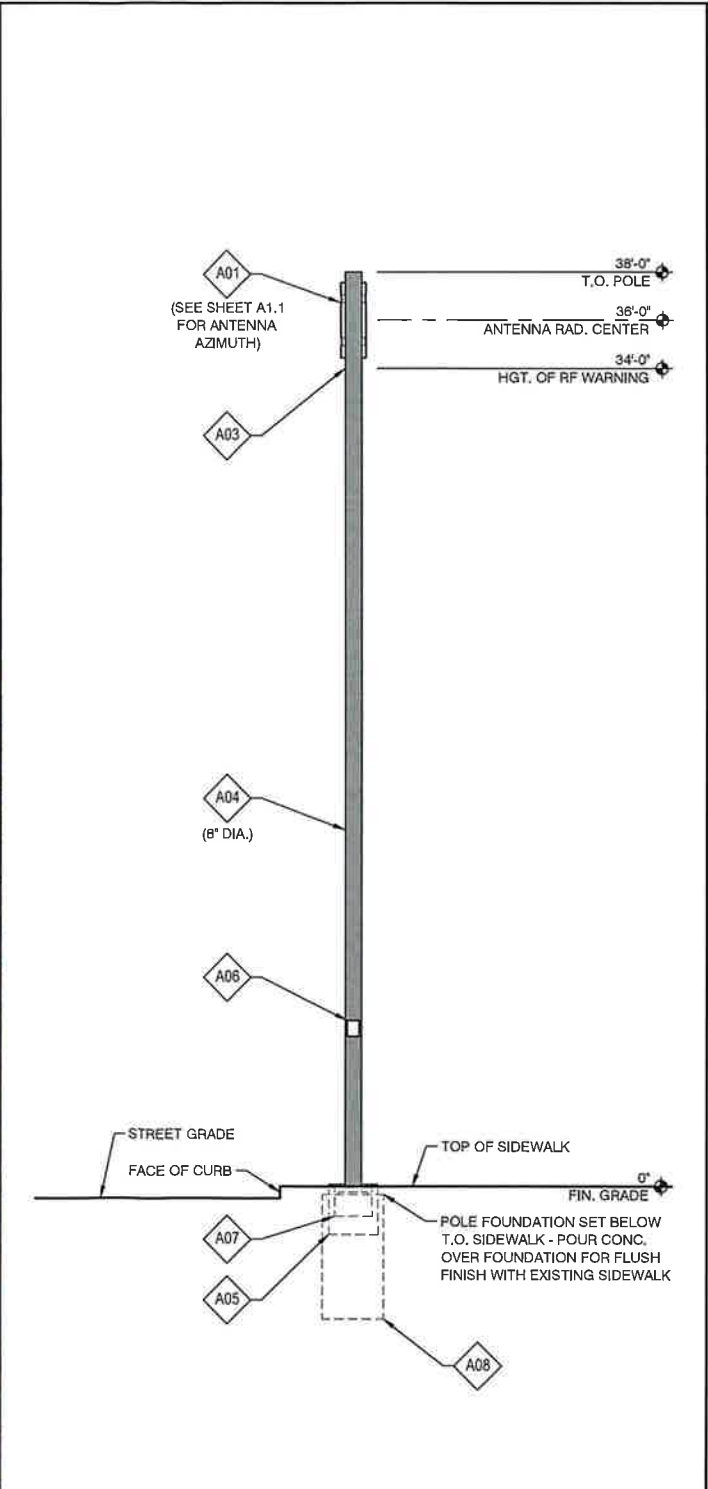
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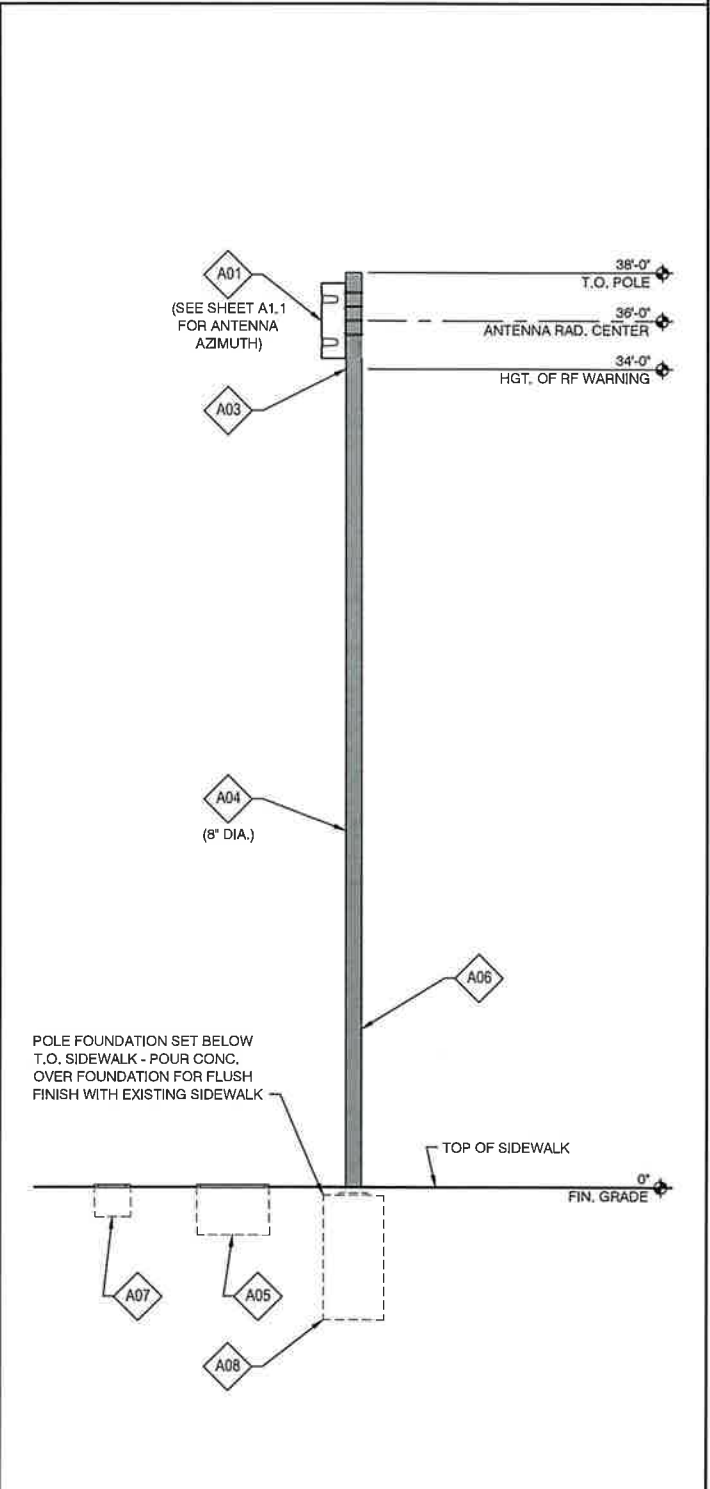
POLE LOCATION PHOTO (EXISTING) SCALE: N.T.S. 4




POLE LOCATION PHOTO (PROPOSED) SCALE: N.T.S. 12



POLE RIGHT SIDE ELEVATION (PROPOSED) SCALE: 1/4" = 1'-0" 16



POLE STREET ELEVATION (PROPOSED) SCALE: 1/4" = 1'-0" 20




NOTICE

The radio frequency (RF) emissions at this site have been evaluated for potential RF exposure to personnel who may need to work near these antennae.

RF EXPOSURE AT FEET OR CLOSER TO THE FACE OF THE ANTENNA MAY EXCEED THE FCC PUBLIC EXPOSURE STANDARD AND THUS ONLY QUALIFIED RF WORKERS MAY WORK IN THIS FOOT EXCLUSION ZONE. OTHERS WHO NEED TO WORK IN THE EXCLUSION ZONE SHOULD CALL: 888-632-0931 FOR INSTRUCTIONS PRIOR TO COMMENCING WORK.

REFER TO SITE:



RF WARNING SIGNAGE

SCALE: NTS1

Crown Castle DAS

24-HOUR Emergency # 888-632-0931

Site ID# --

Sign background to be black in color

Lettering to be white in color

NOTE:
SIGN TO BE 5' x 5' DECAL, MOUNTED TO STAINLESS STEEL PLATE. PLATE TO BE ATTACHED TO POLE WITH METAL STRAPS @ 7'-0" A.G.L.

NODE IDENTIFICATION SIGNAGE

SCALE: NTS5


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A08	PROPOSED CROWN CASTLE PIER FOUNDATION	18/D1.1

PROPOSED POLE WIDTH = 8" SQUARE
PROPOSED POLE HEIGHT = 38' - 0"

PROPOSED POLE COLOR = CONCRETE AGGREGATE

SEE DETAIL 18 / D1.1 FOR RADIO INFO AND SPEC'S.

POLE, EQUIPMENT CABINET, RADIO INFO.



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SHEET TITLE
POLE ELEVATION,
PROPOSED

SHEET NUMBER
A1.2

PAGE
3 OF 5

PLOT SCALE: 1:1 @ 24"x36"; 1:2 @ 11"x17"

PLAN CHECK #